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AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) VIDEO - REPAIR OF WATER & WASTEWATER PIPING SYSTEMS

SYNOPSIS:

We have recently completed a new contingency training AFQTP - The Repair of Water & Wastewater Piping Systems. Included in this new CD are over 500 graphics and photographs depicting real-time repair operations as well as over 60 review questions.

The Repair of Water & Wastewater Piping Systems - Version 1:

Time and corrosion wreak havoc with water and wastewater systems on all aging military bases. These effects cannot be avoided, so it is vital that utilities personnel are familiar with the materials and techniques necessary to handle any and all repair situations. This training package provides basic information so that these systems can be quickly brought back on-line.

This program opens with a brief discussion of water and wastewater system components. These critical systems are responsible for supplying potable water and removing waterborne wastes. Without their smooth operation, base activities would quickly grind to a halt.

Lesson two continues with a review of commonly used repair materials, tools, and techniques. Without the correct tool or material, even a simple fix can turn into a major task. This fundamental information is a must in the repair business.

The interior and exterior parts of the water distribution system are discussed in lesson three. Here the student learns the difference between a temporary and a permanent repair as well as a review of the service call procedure. Many typical repair scenarios are presented.

Lesson four addresses the wastewater system, which removes undesired liquid and solid waste products while preventing foul-smelling gases from entering a facility. Again, typical repair activities are discussed, ranging from using augers to remove drain clogs to repairing broken or leaking piping lines.

The wastewater system is not pressurized like the water system. It relies on gravity to remove wastes. Therefore, it is critical that waste piping be laid at a proper slope. The last lesson goes into three grading methods as well as safe shoring and trenching practices.

The smooth operation of water and wastewater piping systems is vital to all base activities. The information contained in this training package should prepare students to be ready for the unexpected. By knowing the basics, system downtime can be kept to a minimum.

ACCESSIBILITY:

Additional copies of this and other contingency Qualification Training Packages can be requested from:
HQ AFCEA/CEOT
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Questions regarding this QTP should be directed to the point of contact listed below.

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